FORM PTO-1449 REV. 7-80) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
3220-18158	07/258,142
APPLICANT: Richard B. Borgens et al.	
FILING DATE: Oct. 14, 1988	GROUP: 159

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	AA	4,774,967	10/1988	Zanakis et al.	128	785	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

M	AR	I	McCaig, Colin D., "Spinal Neurite Reabsorption and Regrowth in vitro Depent on the Polarity of an Applied Electric Field," Development, 100, 31-41 (1987). 14
M	AS	I L	Borgens, Richard B., A. Blight, D. Murphy & L. Stewart, "Transected Dorsal Column Axons Within the Guinea Pig Spinal Cord Regenerate in the Presence of an Applied Electric Field," Journal of Comparative Neurology, 250:168-180 (1966). 14
M	AT	I	Borgens, Richard B, A. Blight and M. McGinnis, "Behavioral Recovery Induced by Applied Electric Fields After Spinal Cord Hemisection in Guinea Pig," Science, 238:366-369 (October 16, 1987). 14

EXAMINER	DATE CONSIDERED
Manual	12/10/89

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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M	AU	Wallace, M. Christopher, C. Tator and I. Piper, "Recovery of Spinal Cord Function Induced by Direct Current Stimulation of the Injured Rat Spinal Cord," Neurosurgery, Vol. 20, No. 6, Part 1 (1987).
	AV	Politis, Michael J. and Michael F. Zanakis, "Short Term Efficacy of Applied Electric Fields in the Repair of the Damaged Rodent Spinal Cord: Behavioral and Morphological Results,"
M	AW	M. F. Zanakis and M. J. Politis, "Partial Recovery From Spinal Cord Injury Following Application of D.C. Electric Fields in the Rat," (abstract)
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M	AY	M. Khan, M. J. Politis and D. Munoz-Garcia, "The Effect of Localized Oriented Electric Fileds on Regenerative Changes in Double Hemisectioned Spinal Cord of Rats," Canadian Congress of Neurological Sciences, June 25-27, 1987. (abstract)
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M	BC	"Final Thrusts Prepared in RES," Spinal Cord Society Newsletter, pp. 3-4 (June, 1987)

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